



REPLACEMENT SHEET

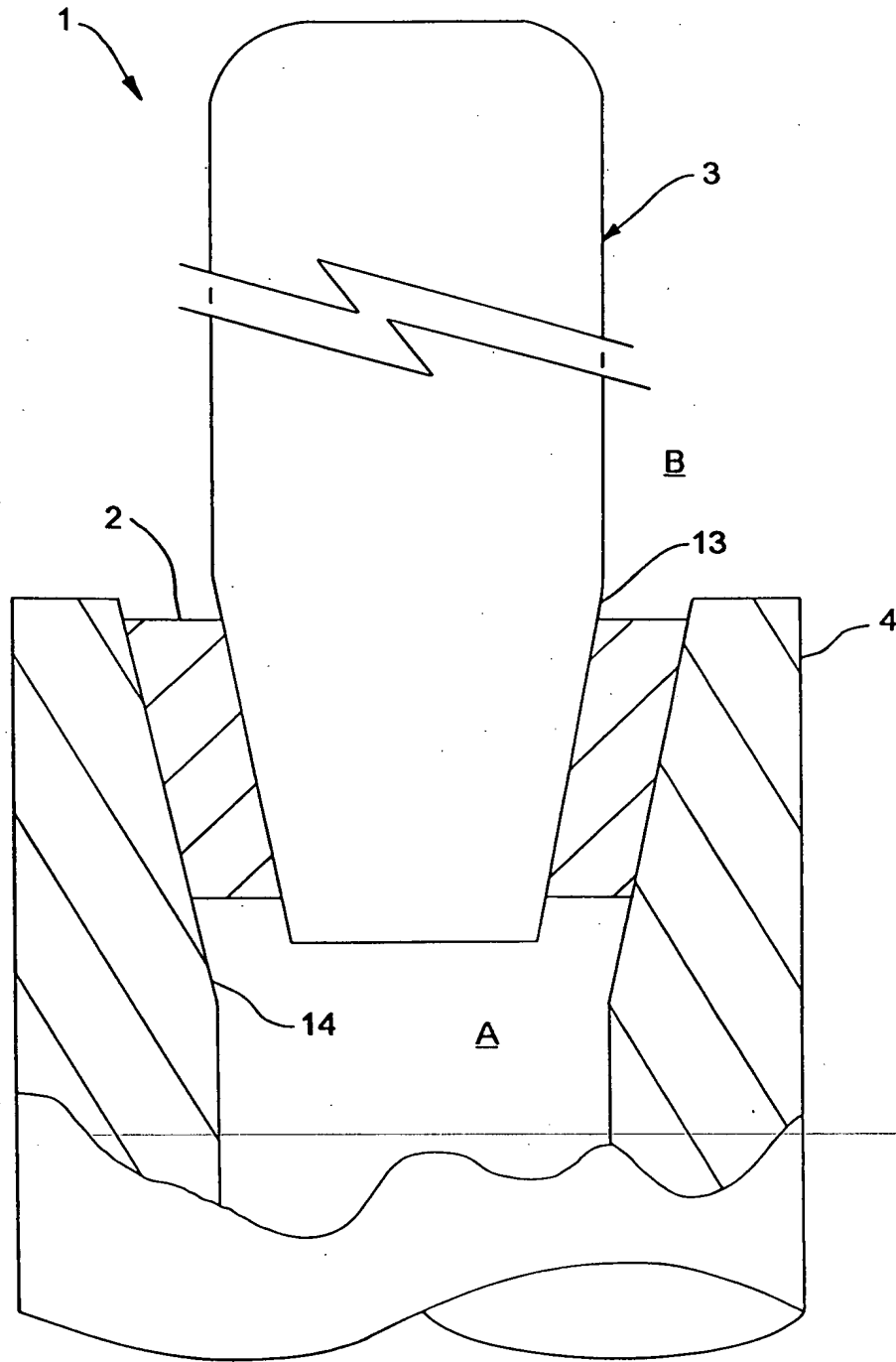


FIG. 1

REPLACEMENT SHEET

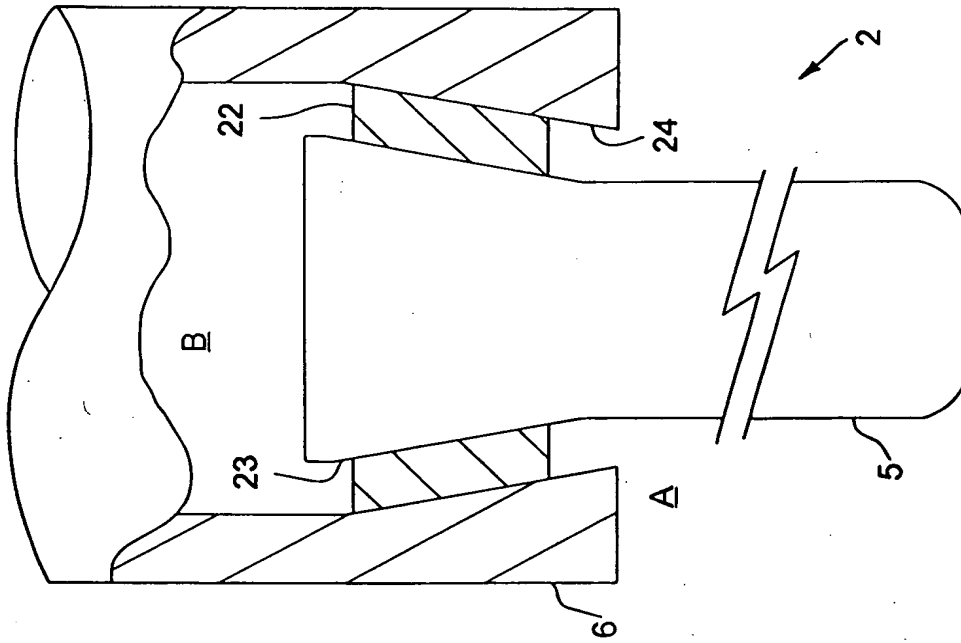


FIG. 1b

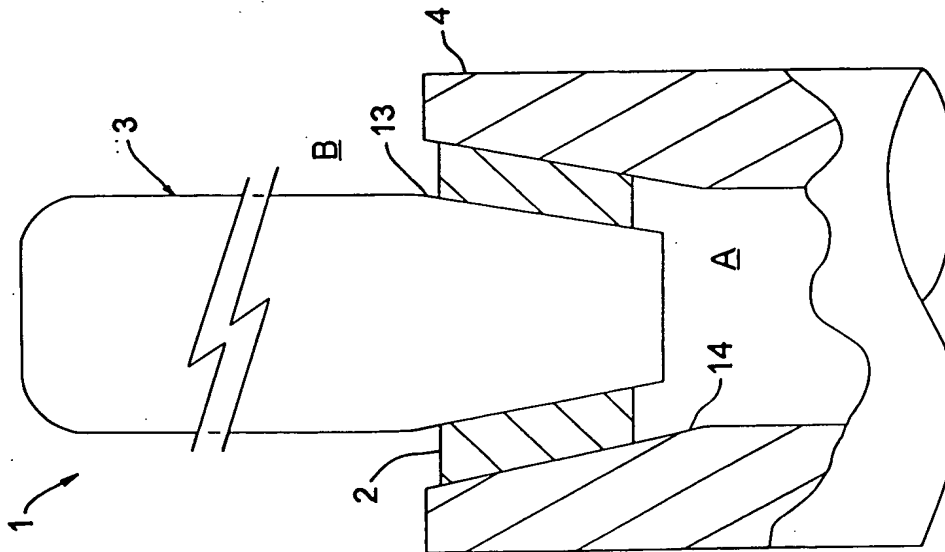


FIG. 1a

REPLACEMENT SHEET

Demonstration of Stable Seal in Many Thermal Cycles

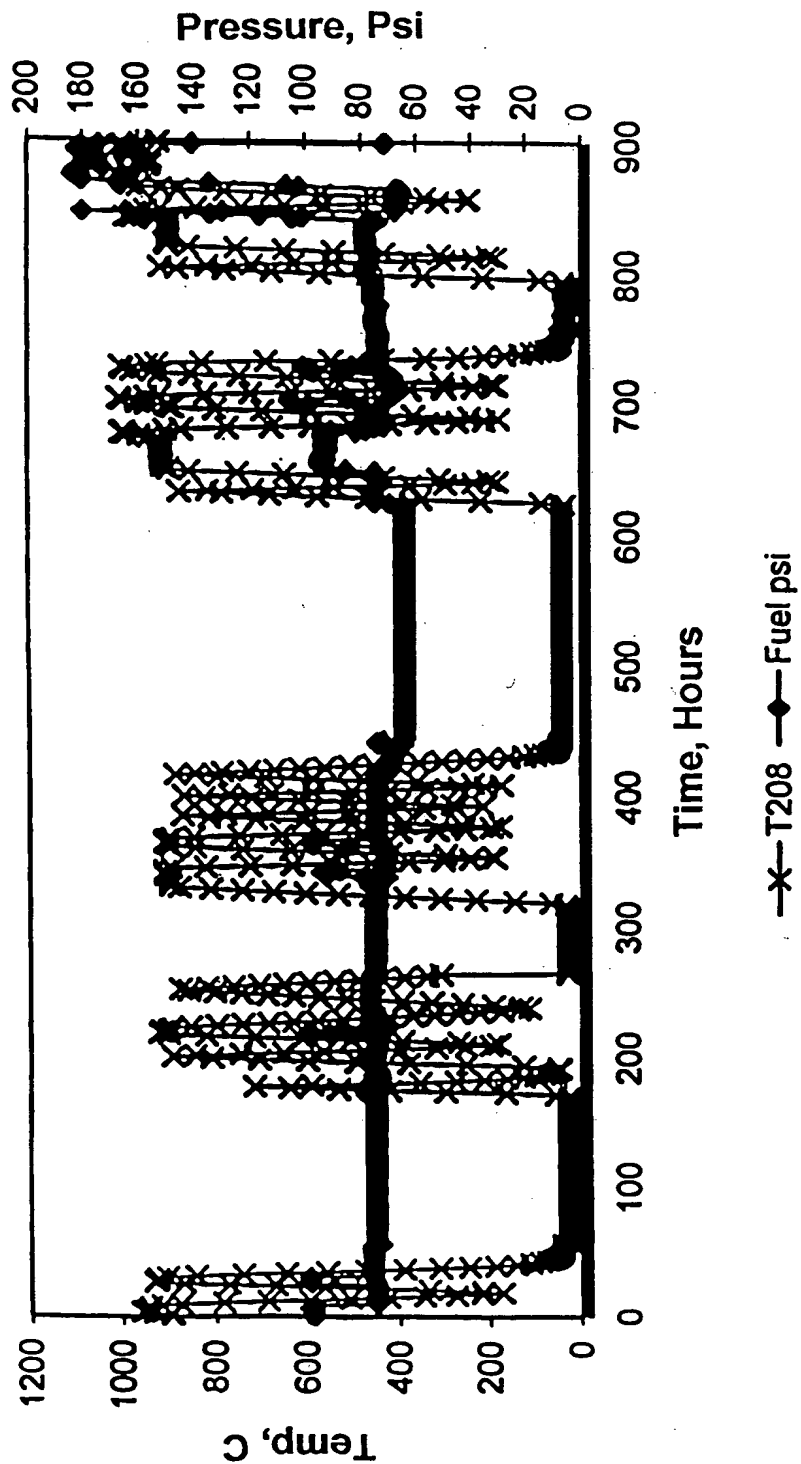
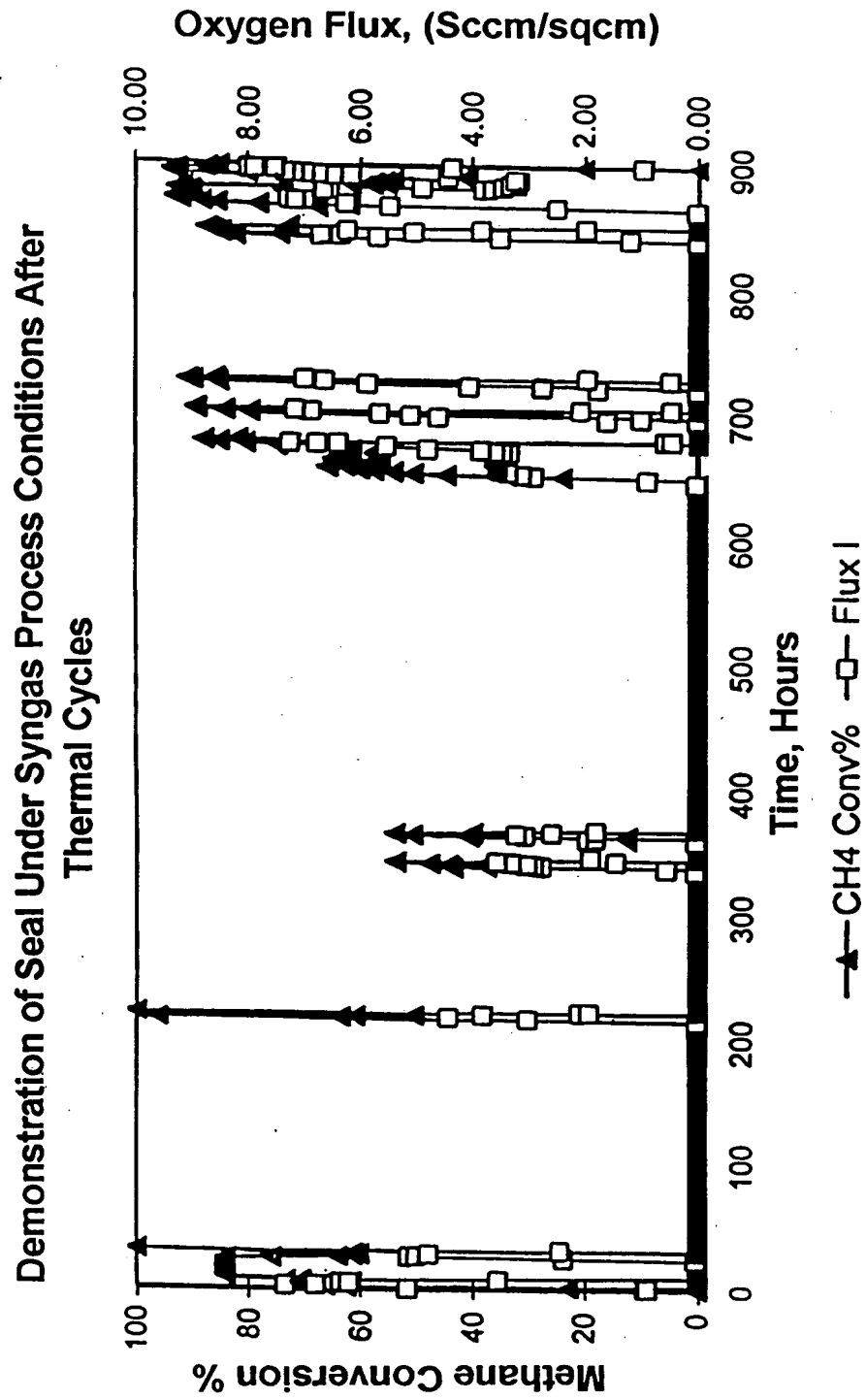


FIG. 2

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**FIG. 3**

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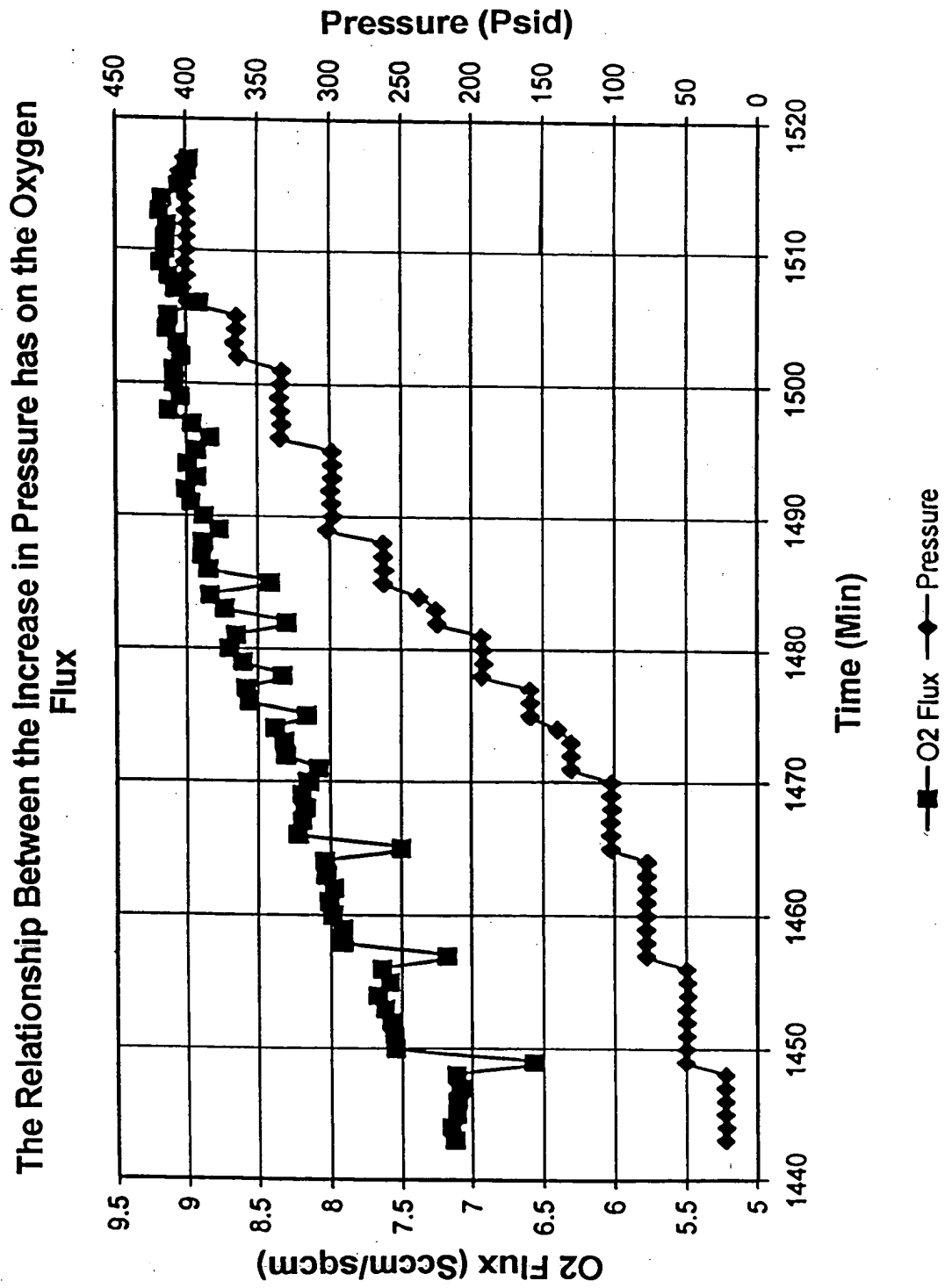


FIG. 4

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La_{0.2}Sr_{0.8}Cr_{0.2}O_{3-x} Tube w/1mm Wall, He Sweep @ 2L/m, Air @ 4L/m, 975C

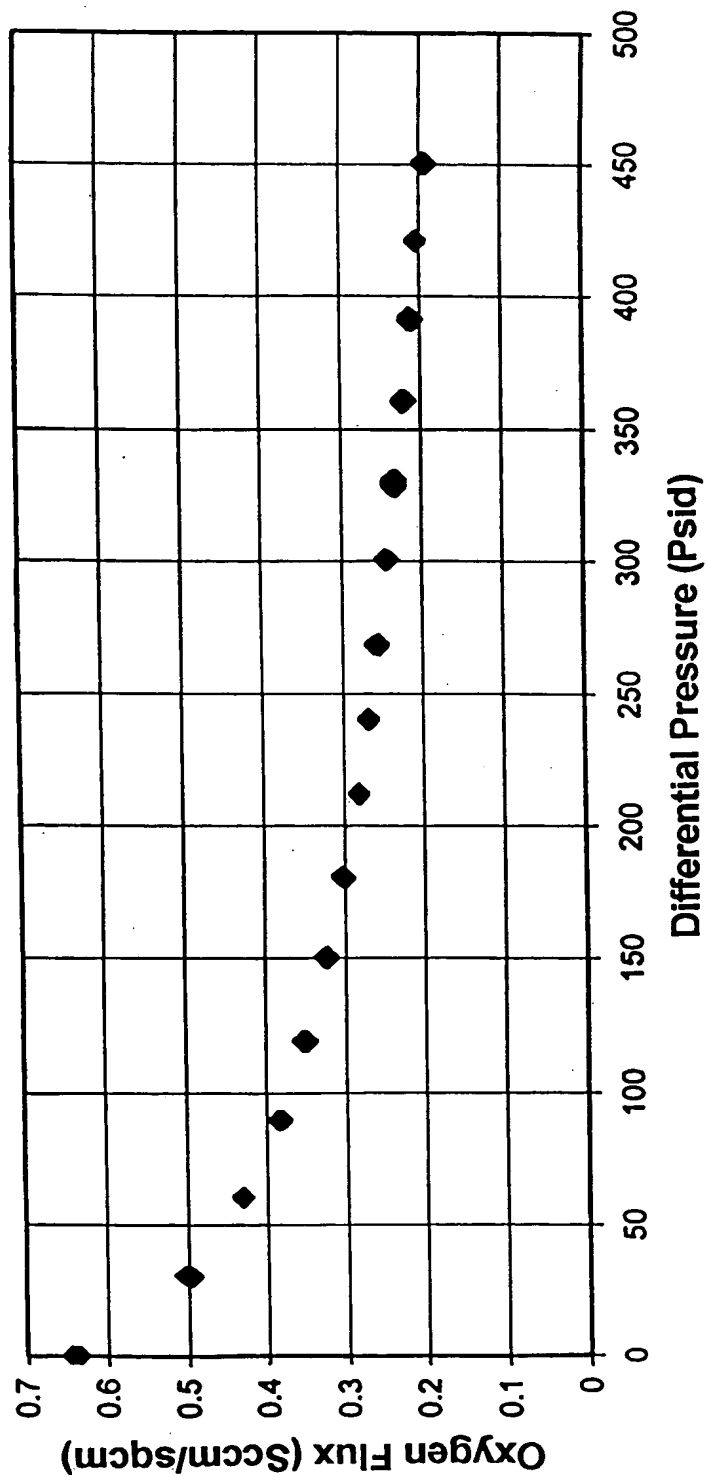
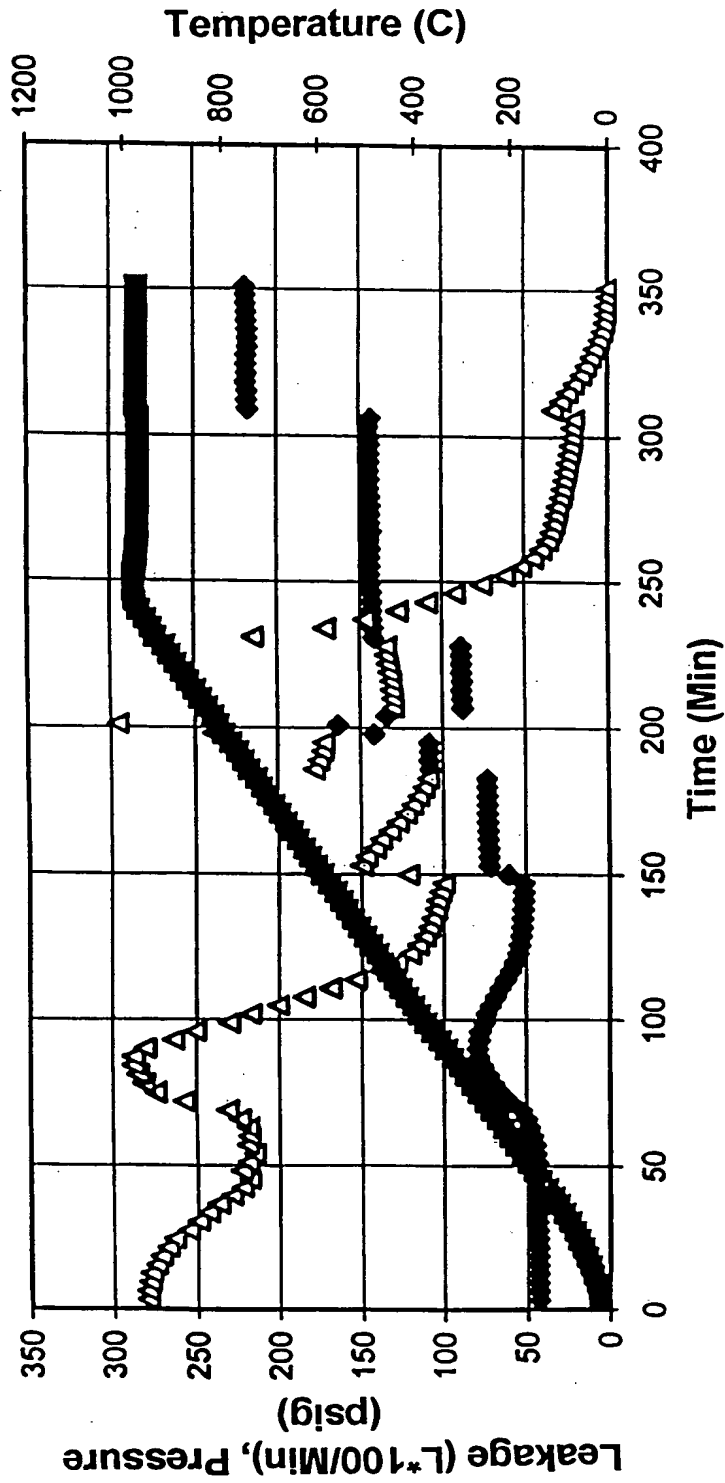


FIG. 5

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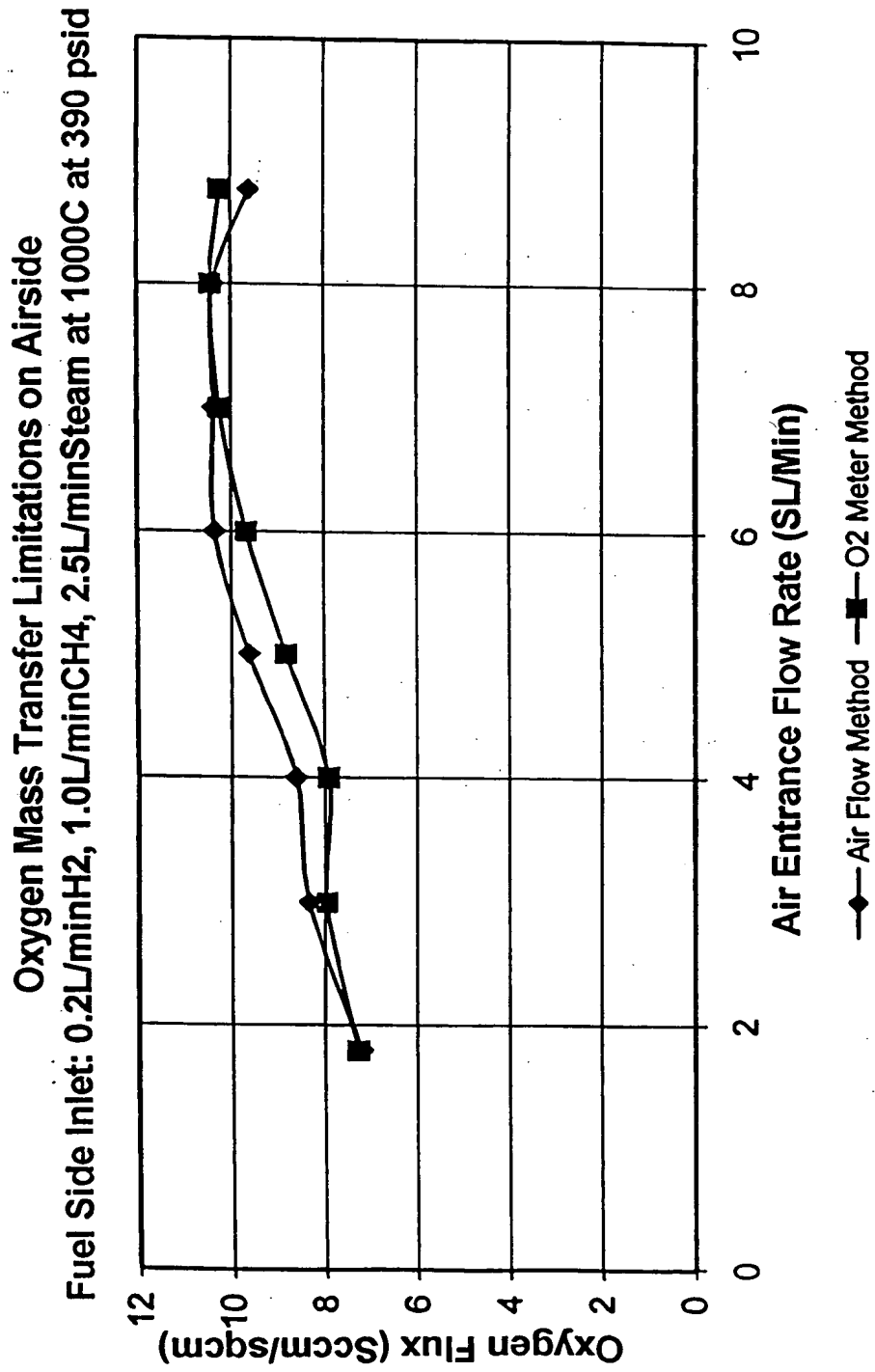
UnPolished Ceramic Seal Face Sealing Curve



◆ Pressure Δ Leak ■ Temperature

FIG. 6

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**FIG. 7**

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Oxygen Utilization in Exit Air Stream at Ambient Pressure
Fuel Stream Inlet: 0.2L/minH₂, 1.0L/minCH₄, 2.5L/minSteam at 1000C at 390 psid

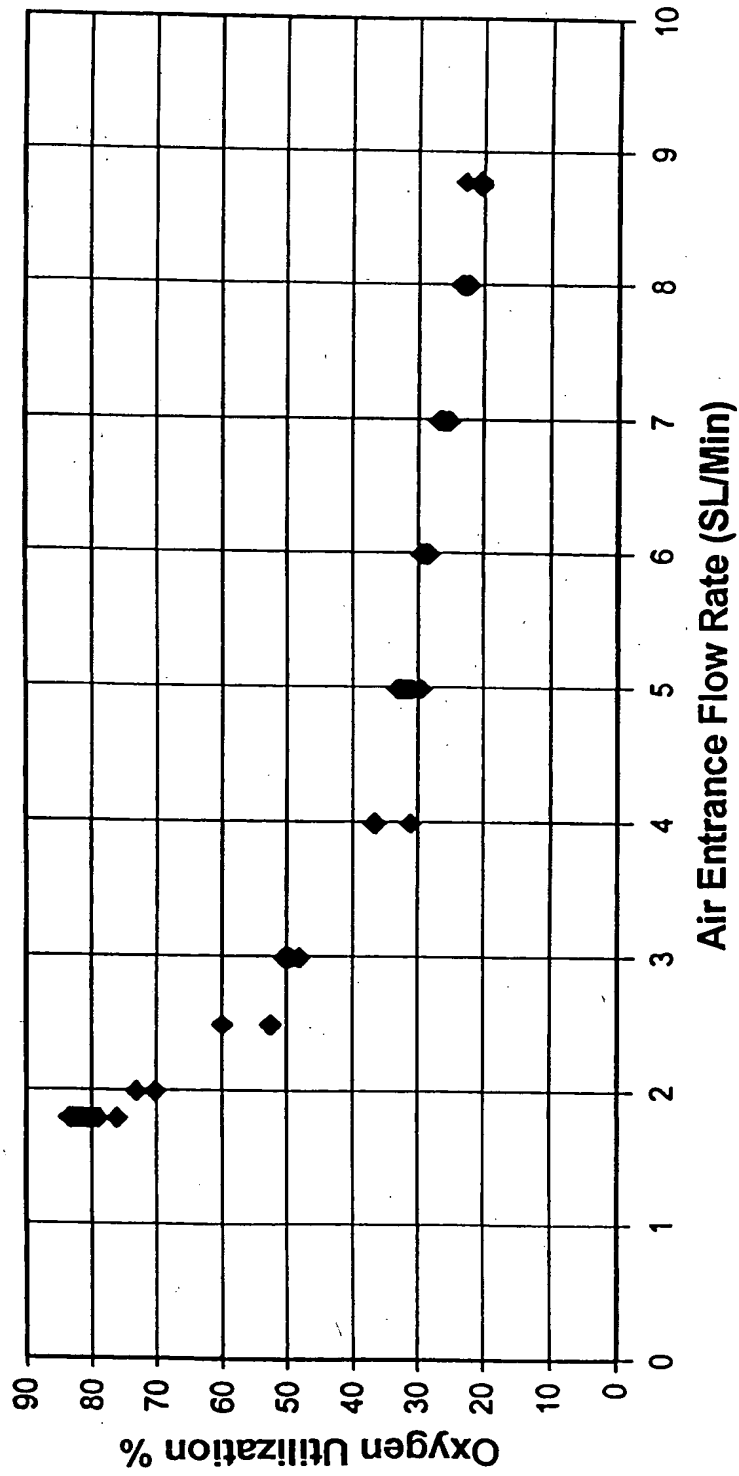


FIG. 8